

**Methods for the Preparation, Isolation and Purification of Epothilone B,  
and X-Ray Crystal Structures of Epothilone B**

**Abstract**

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The present invention relates to improved methods for the production, isolation and purification of epothilone B. These methods include, for example, a fermentation process for the production of epothilone B, isolation via adsorption onto a resin, and subsequent purification.